

10/829,587

ATTACHMENT (A)

CLAIMS FOR AMENDMENT "C"

What is claimed is:

1. (currently amended) A clear transparent composite material for use as a sun shade or blind having ~~in use~~ an outer side in use facing the sun and an inner side and which comprises a film composite having a first transparent polymeric outer film layer with a further transparent polymeric film layer adhered to the inner side of the first film layer using an adhesive layer, ~~[wherein the adhesive layer and at least one of said two polymeric film layers contain fire retardant material, said layers also containing a UV absorber which is provided in said fire retardant containing film layers and/or in a film layer outwardly of a fire retardant containing layer,]~~ containing a fire retardant material with at least one of said two polymeric film layers also containing fire retardant material, and wherein at least the outer film layer of composite material contains a UV absorber, and wherein the composite having a visible light transmission of between 1-90% and a haze value of less than 10%.
2. (previously presented) A composite as claimed in Claim 1 wherein the first film layer has a metallized layer on said inner side and the adhesive is applied over the metallized layer.
3. (original) A material as claimed in Claim 2 wherein the metallized layer comprises a vacuum deposition of aluminium or an aluminium alloy, preferably visible light transmission of less than 30%.

4. (original) A material as claimed in Claim 3 wherein the visible light transmission is less than 5%.

5. (original) A material as claimed Claim 1 wherein the two polymeric film layers comprise PET film.

6. (previously presented) A material as claimed in Claim 1 wherein the first film layer and the further inner film layer both contain UV absorbing material.

7. (original) A material as claimed in Claim 1 wherein the adhesive contains a fire retardant such that the composite has a haze of about 5% or less.

8. (original) A material as claimed in Claim 7, wherein the adhesive is a polyurethane resin and the fire retardant is at least one of a brominated and a phosphorous based compounds.

9. (original) A material as claimed in Claim 8, wherein the dried adhesive may contain 5-15% by weight of the fire retardant.

10. (original) A material as claimed in Claim 1 having a scratch resistant layer coated onto the further film layer.

11. (currently amended) A solar control sun shade having ~~in use~~ an outer side in use facing the sun and an inner side comprising as the shade material, a clear transparent film composite comprising a first transparent polymeric outer film layer having a

further transparent polymeric film layer adhered to the inner side of the first film layer using an a polyurethane based adhesive layer, ~~wherein the adhesive layer and at least one of said two polymeric film layers contain fire retardant material said layers also containing a UV absorber which is provided in said fire retardant containing film layers and/or in a film layer outwardly of a fire retardant containing layer~~ the composite having a visible light transmission of between 1-90% and a haze value of less than 10%.

12. (original) A sun shade as claimed in Claim 11 wherein the first film layer has a metallized layer deposited on said one side thereof.

13. (original) A sun shade as claimed in Claim 10 wherein the metallized layer comprise aluminium or aluminium alloy, the two polymeric layer comprise PET film, and the composite has a haze value of less than 5%

14. (original) A sun shade as Claimed in Claim 11, wherein the fire retardant material is one of a brominated and a phosphorous based compounds.

15. (original) A sun shade as claimed in Claim 13, wherein the fire retardant is one of a tetrabromo bis phenol "A" and Rescorcinol bis (diphenyl phosphate).

16. (original) A sun shade as claimed in Claim 15, wherein the dried adhesive contains 5-15% by weight of the fire retardant.

17. (original) A sun shade as claimed in Claim 11 and which also functions as a sound absorbing elements, the composite having spaced apart micro-perforations therein.

18. (original) A sun shade as claimed in Claim 11 and which as functions as sound absorbing element wherein the composite is formed with a plurality of adjacent cup shaped recesses arranged in the form of a grid.

19. (currently amended) A dual function sun shade and sound absorber having ~~[in-use]~~ an outer side in use facing the sun and an inner side and comprising a transparent clear film composite having a first transparent PET outer film layer with a further transparent PET film layer adhered to the inner side thereof using ~~an~~ a polyurethane based adhesive layer, ~~wherein the adhesive layer and at least one of said two PET film layers contains a fire retardant material said layers also containing a UV absorber which is provided in said fire retardant containing film layers and/or in a film layer outwardly of a fire retardant containing layer~~ containing a fire retardant material with at least one of said two polymeric film layers also containing fire retardant material, and wherein at least the outer film layer of composite material contains a UV absorber, the composite having a visible light transmission of between 1-90% and a haze value of less than 10%, and spaced apart micro-perforations therein.

20. (original) A shade as claimed in Claim 19 wherein the first film layer has an aluminium layer deposited on one side thereof with a visible light transmission is between 2-30% and the micro-perforation are spaced apart 2.0mm or less.

21. (previously presented) A material as claimed in Claim 1, wherein each film layer containing the fire retardant material also contains UV absorber.